

STAFFORD COUNTY SCHOOL BOARD

Agenda Consideration

TOPIC: Hartwood Elementary School
Water Report

ITEM NO: 10G

PREPARED BY: Andre' A. Nougaret
Assistant Superintendent
For Support Services

MEETING: August 24, 2004
ACTION DATE: Information Only

ACTION REQUESTED BY THE SUPERINTENDENT: That the Board receive for information steps taken to remediate the water supply, distribution and treatment system at Hartwood Elementary School.

KEY POINTS:

- Staff gathered information, both past and present, and presented a brief chronological synopsis of the well water system at Hartwood Elementary to the School Board on March 9, 2004.
- Board of Supervisors discussed Hartwood water supply status on both April 6, 2004 and June 1, 2004. No official action taken.
- On June 23, 2004 "water summit" held at Hartwood Elementary to discuss water supply and treatment issues. Primary discussion centered on the steps necessary to reopen existing Well #2. Those in attendance included: Mr. J. S. Desai, P.E., District Engineer, Virginia Department of Health; Mr. Dale Allen, Assistant Director of Utilities, Stafford County; Mr. Robert Sampson, Plant Manager, Abel Lake Water Treatment Facility; Mr. Scott Horan, Executive Director of Planning and Construction; Mr. Adam Brubeck, Clerk of the Works; Mr. Andrew Hicks, Director of Maintenance and Operations; Mr. Robert Ashby, Assistant Director of Maintenance and Operations; Mrs. Cathy Walker, Principal; Mr. Kenny Schenemann, Skilled Maintenance—Plumber; Mr. Mack McKeithan, Skilled Maintenance—Plumber; Mrs. Karen Zink, School Board Member—Hartwood District; and Dr. Andre' A. Nougaret, Assistant Superintendent for Support Services.
 - ✱ Was determined that Well #2 could be reopened contingent upon the completion of several necessary tasks (follow-up meeting to discuss this process scheduled for July 2004).
 - ✱ Recent lead and copper levels did not meet the 90th percentile guidelines (Plan of action submitted July 12, 2004 to Virginia Department of Health.)
 - ✱ Recommend a comprehensive engineering study of the entire well and water treatment and distribution system to include the plumbing system. Statement of work developed by Mr. Scott Horan, July 6, 2004, to be shared with an engineering firm found on our professional services annual contract listing capable of completing such a study. Stantec Consulting Services, Inc. submitted a project proposal to address immediate and long term capital improvements and potential changes in operation and/or maintenance programs. Their fee is \$21,330.00.
 - ✱ Calcite columns/calcium filter within water treatment system to be replaced as soon as possible (filters replaced on August 19-20 at a cost of \$10,709.00).

TOPIC: Hartwood Elementary School Water Report (Continued)

- On July 20, 2004 meeting held to review specific steps necessary to reopen existing Well #2. Those in attendance included: Mr. Dale Allen, Mrs. Cathy Walker, Mr. Robert Sampson, Mr. Scott Horan, Mr. Robert Ashby, Dr. Andre' Nougaret. Specific assignments necessary to reopen Well #2 were made to individuals:
 - Mr. Robert Ashby – Oversee draw down and water analysis
 - Mr. Dale Allen – Field verification
 - Mr. Scott Horan – Plat recordation
- On August 13, 2004 follow-up meeting held to review progress made in completing tasks necessary to reopen Well #2. Those in attendance included: Mr. Dale Allen, Mr. Robert Ashby, Mrs. Cathy Walker and Dr. Andre' Nougaret.
 - * Purchase Order issued to Sydnor Hydro to complete draw down and collect water samples. Actual water analysis to be completed by Commonwealth of Virginia, Division of Consolidated Labs.
 - * Original well construction drawings have been located and will be reviewed and modified as necessary prior to submission to the Virginia Department of Health for approval – Certificate to Operate.
 - * Civil Engineer has been contacted to begin the plat recordation process.
 - * Some electrical control modifications may be warranted to insure efficient operation of Well #2 in concert with Well #1.
 - * Completion of all necessary tasks to facilitate the initial operation of Well #2 expected within 90 days. Aforementioned tasks will be completed during the performance period outlined for the engineering study. Study results/recommendations will be considered prior to initial operation of Well #2.

SCHOOL BOARD GOAL:

Goal 7: Provide school environments where teachers are safe to teach and students are safe to learn.

FUNDING SOURCE: FY 2005 School Operating Fund for the \$10,709.00 and the School Construction Fund Reserve for the \$21,300.00.

AUTHORIZATION REFERENCE: